*e*BDS™ – The Total Solution for Detecting Bacteria in Platelets

6 Steps to Bacteria Detection

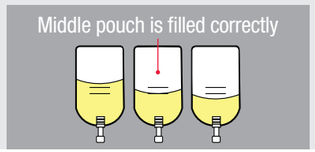
Platelet Sampling

1 Sample Set and Platelet Unit Preparation

- Clamp tubing below check valve
- Strip tubing and gently mix platelet unit
- Ensure tubing is completely filled with a well mixed representative platelet sample
- Sterile connect Sample Set to platelet unit, maintaining maximum length of Sample Set tubing (A)

2 Sample Collection

- Suspend platelet bag above sample pouch ensuring fill lines are horizontal
- Open clamp
- Fill pouch until fluid level is at or between the lines (B)
- The pouch is considered “over-filled” if the liquid level is over the first line, and “under-filled” if liquid level is below the second line



3 Sealing and Storage

- Clamp tubing
- Seal tubing on both sides of check valve, detach and discard
- Place sample pouch on agitator inside a 35 ºC incubator
- Orient the sample pouch so that agitation is across the long axis of the sample pouch (C)

NOTE: Platelets in the tubing may be recovered by stripping contents back into platelet bag.

Bacteria Detection

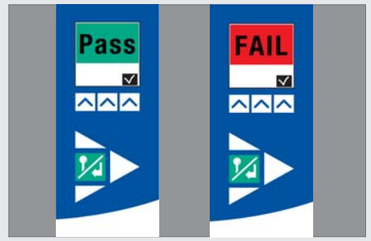
4 Analyzer and Pouch Preparation

- Scan barcode information as prompted (D)
- Confirm *e*BDS Oxygen Analyzer is ready to measure sample
- With label tab facing away from *e*BDS Oxygen Analyzer, slide neck of sampling site into oxygen sampling stand

5 O_2 Measurement

- Insert probe of the *e*BDS Oxygen Analyzer through the sampling site septum and protective membrane into the headspace air of the sample pouch
- Press green start/enter button to measure percent O_2 (E)
- Remove probe and press green start/enter button to confirm baseline

6 Readings

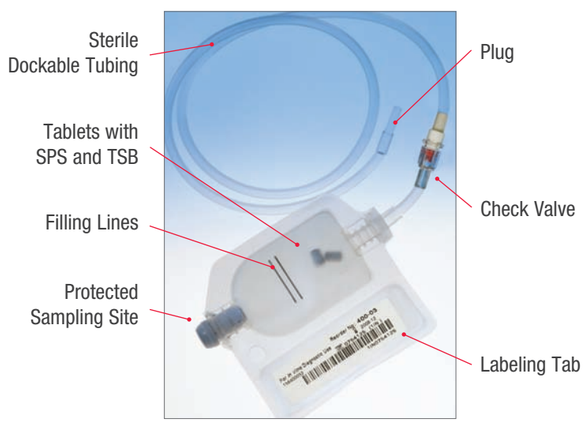


- PASS: The test did not detect bacterial contamination and indicates the sample is NEGATIVE at the time of O_2 measurement
- FAIL: Indicates that the percent O_2 is less than the acceptable limit and the unit may be contaminated with bacteria. It is recommended that the sample pouch and/or product be cultured to confirm results before discarding.

*e*BDS – Technologically Enhanced to Make Bacteria Detection Simple and Effective

Refer to the *e*BDS Sample Set package insert and *e*BDS User Manual for detailed instructions for use.

*e*BDS Oxygen Analyzer



*e*BDS Sample Set

For technical support, contact the Customer Care Hotline at 800.537.2802

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